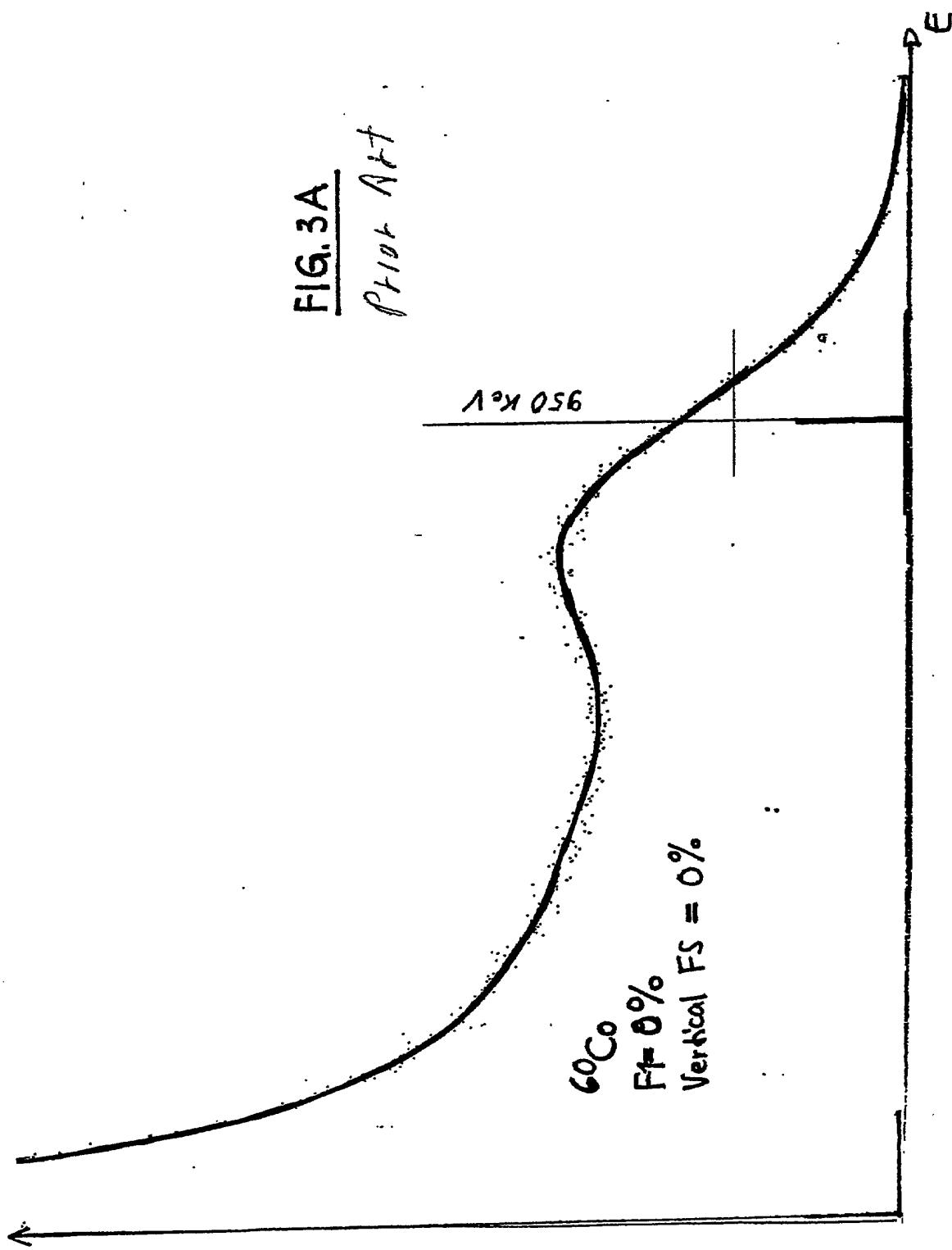
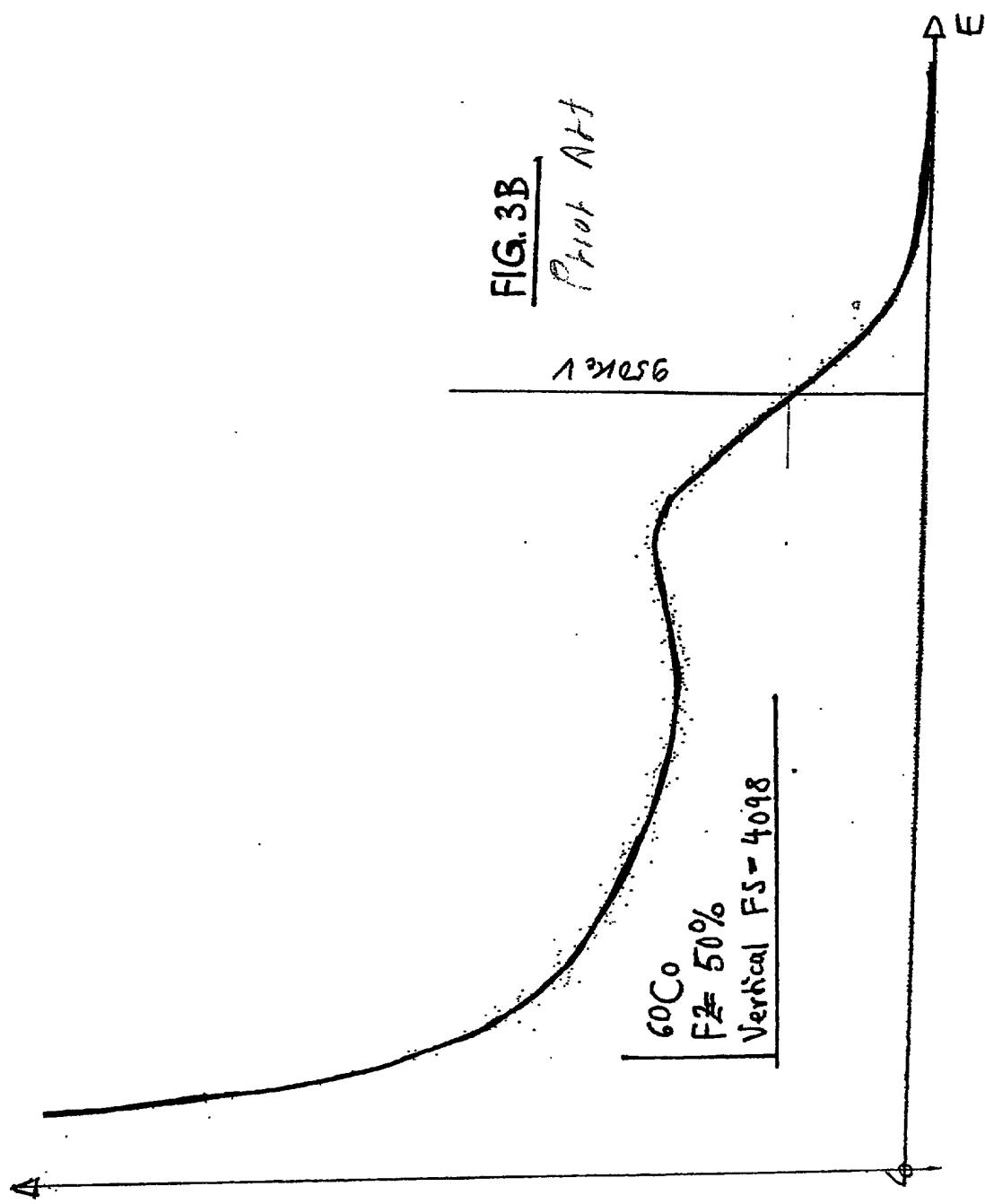
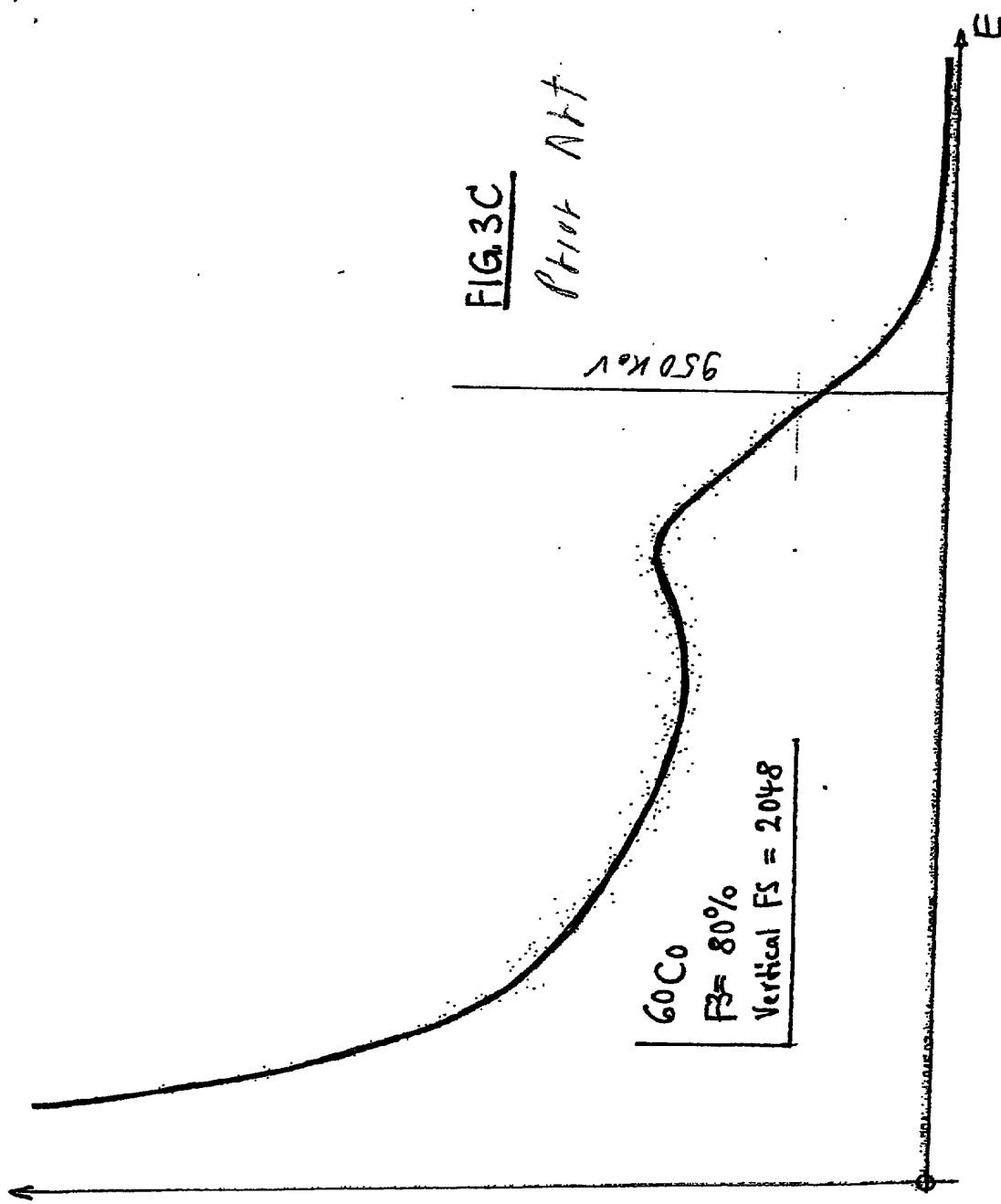


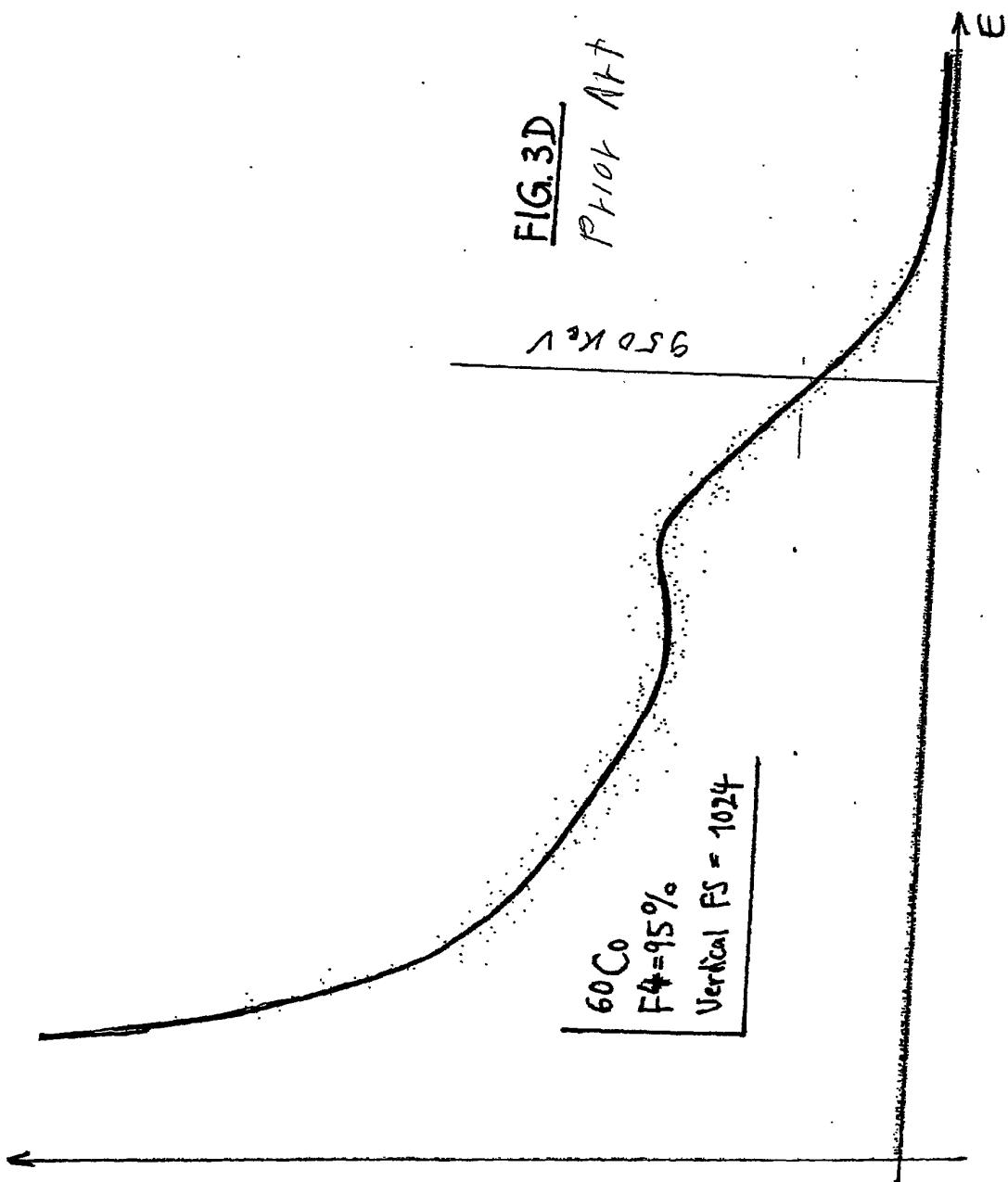
FIG. 3A
Plot Art







5/21

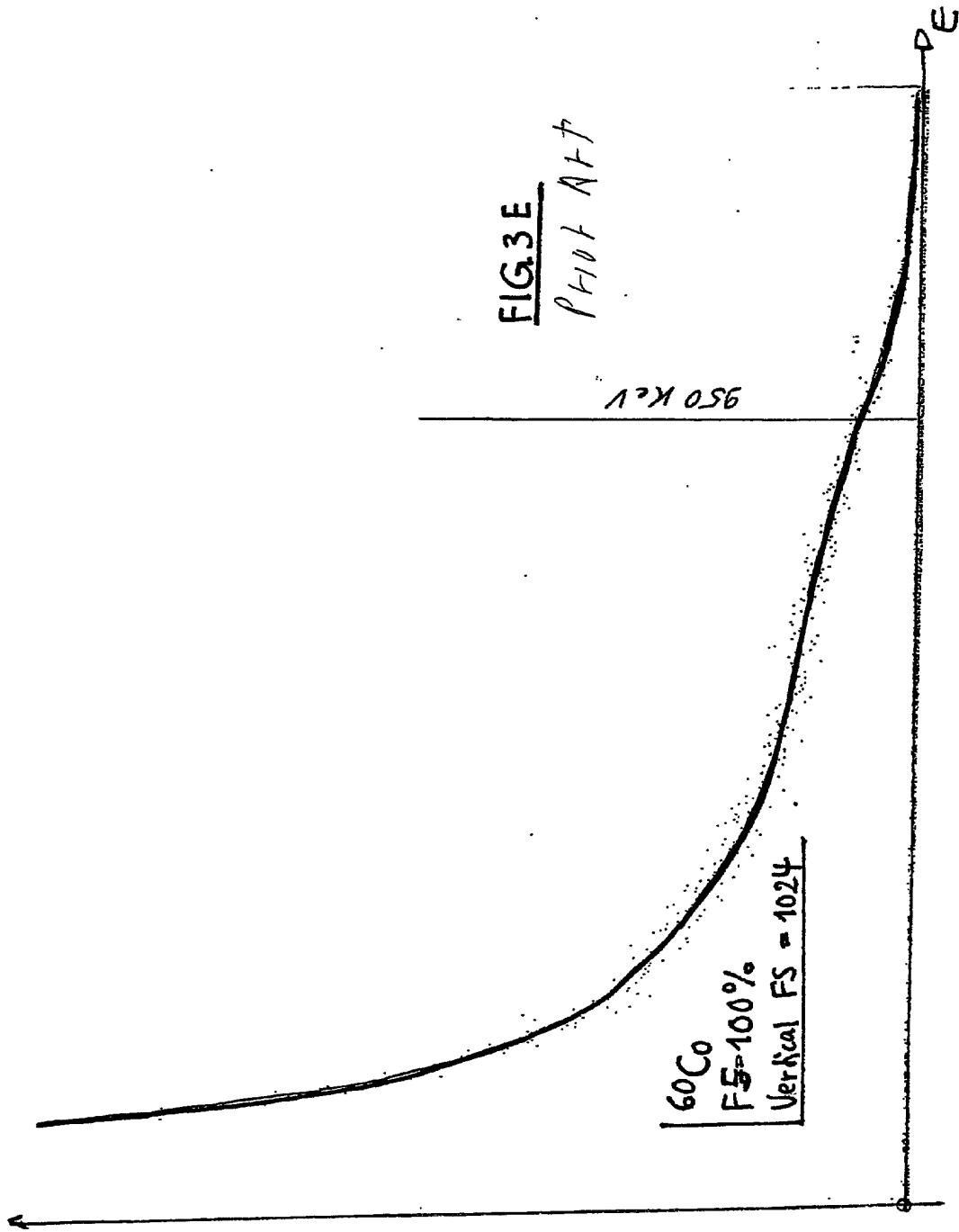


6/21

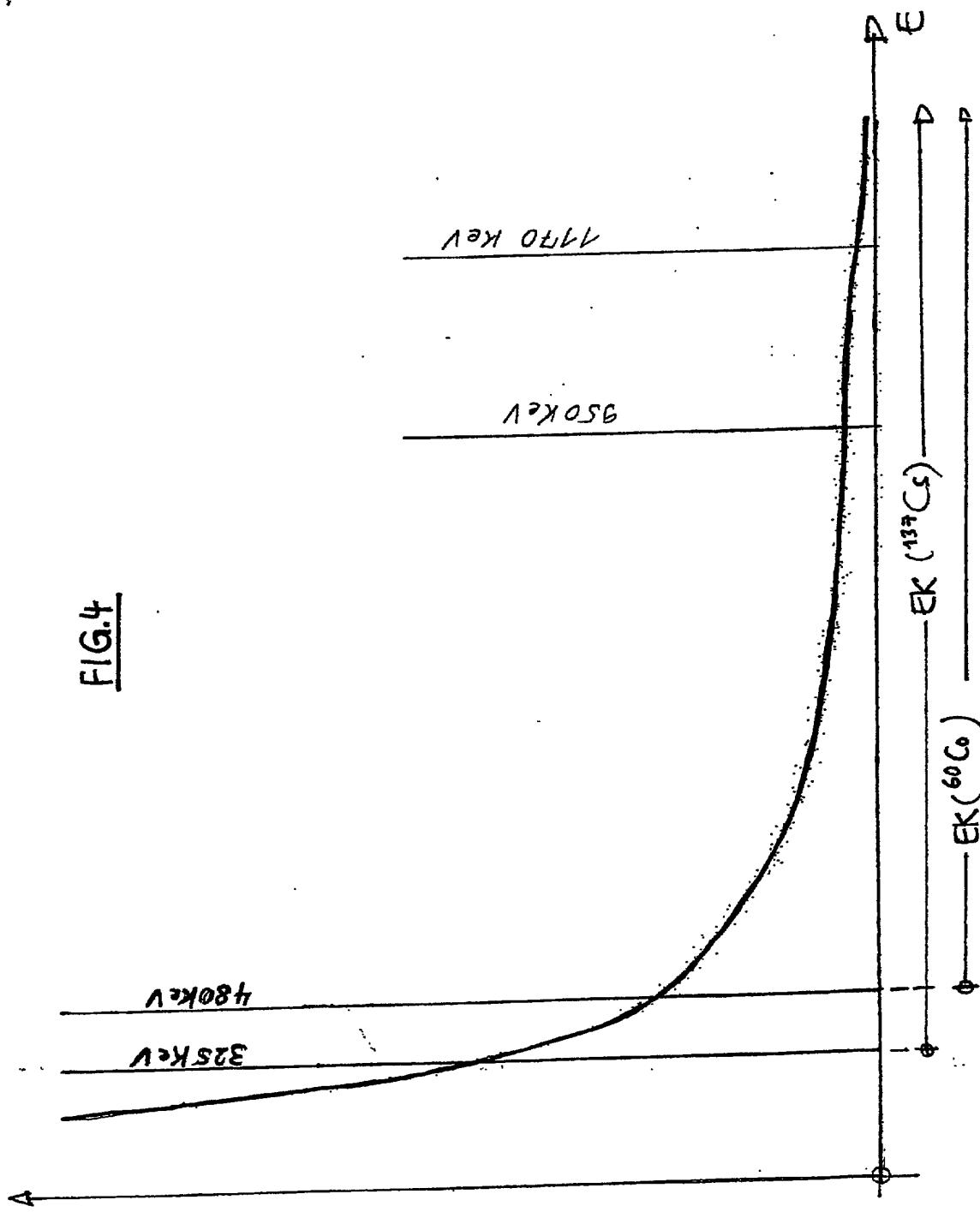
FIG. 3 E
Plot A-H

950 kN

60 C₀
F_S = 100%
Vertical F_S = 1024

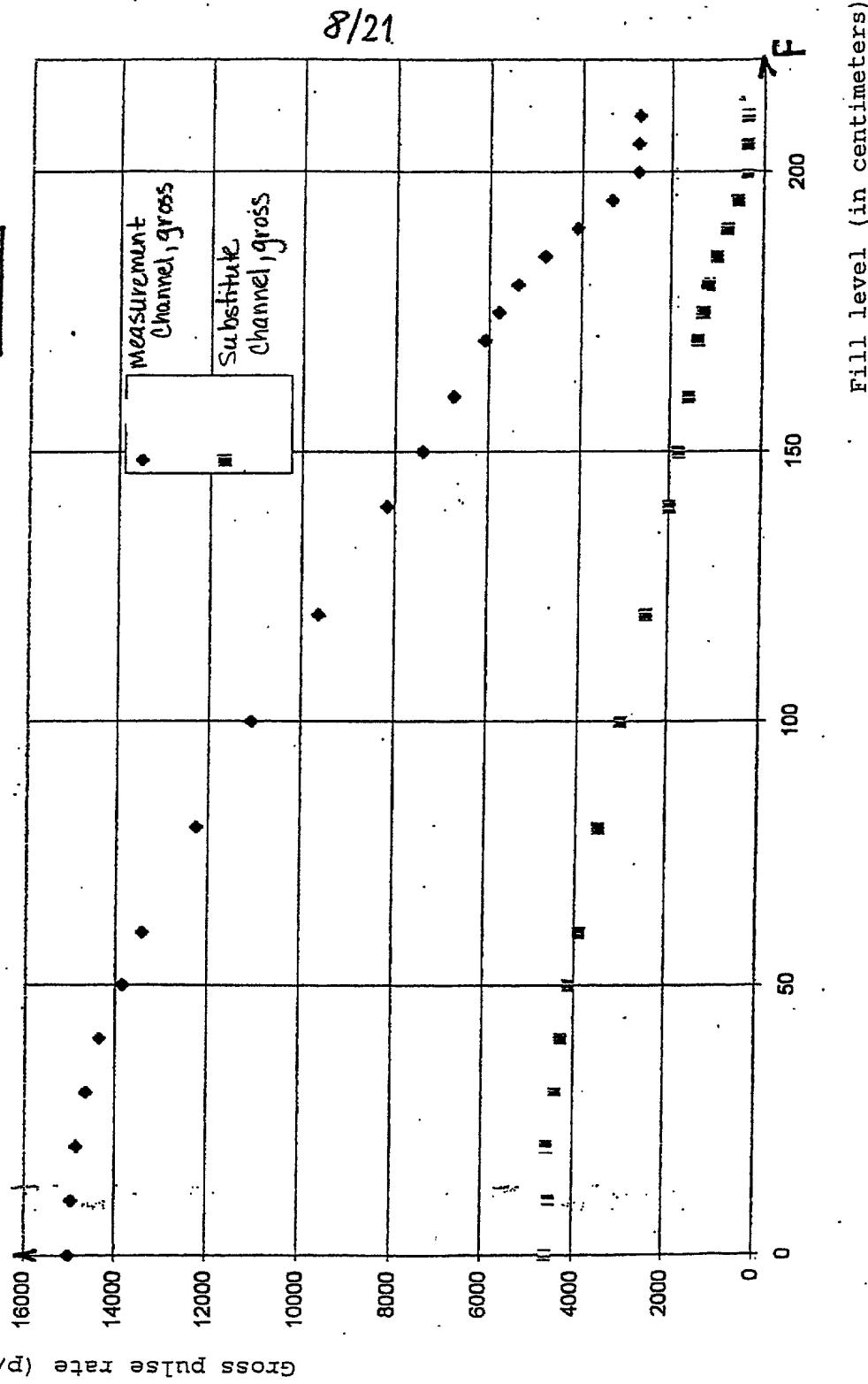


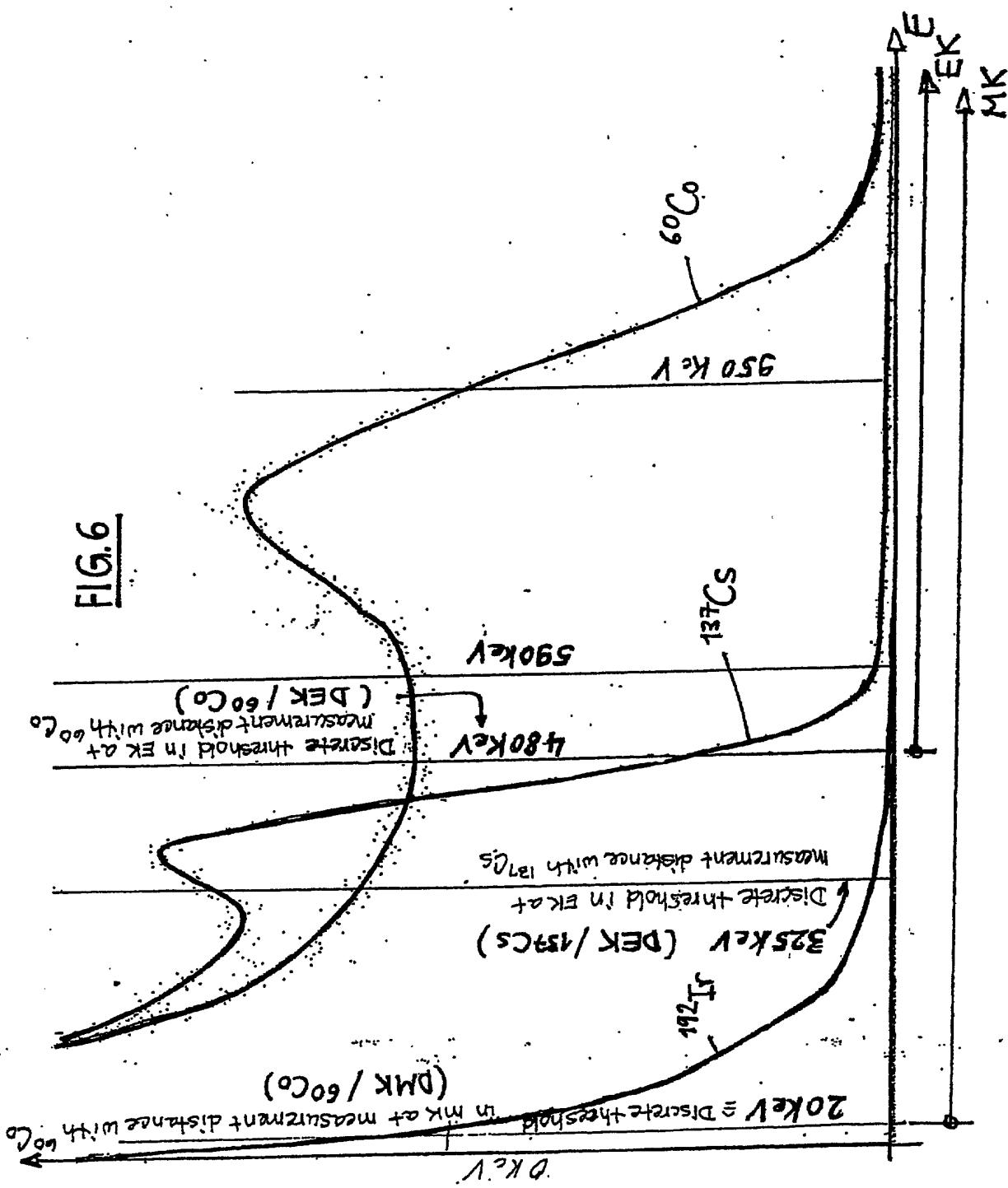
7/21



Calibration curves for the measurement channel and
substitute channel (measurement range = 200 cm)

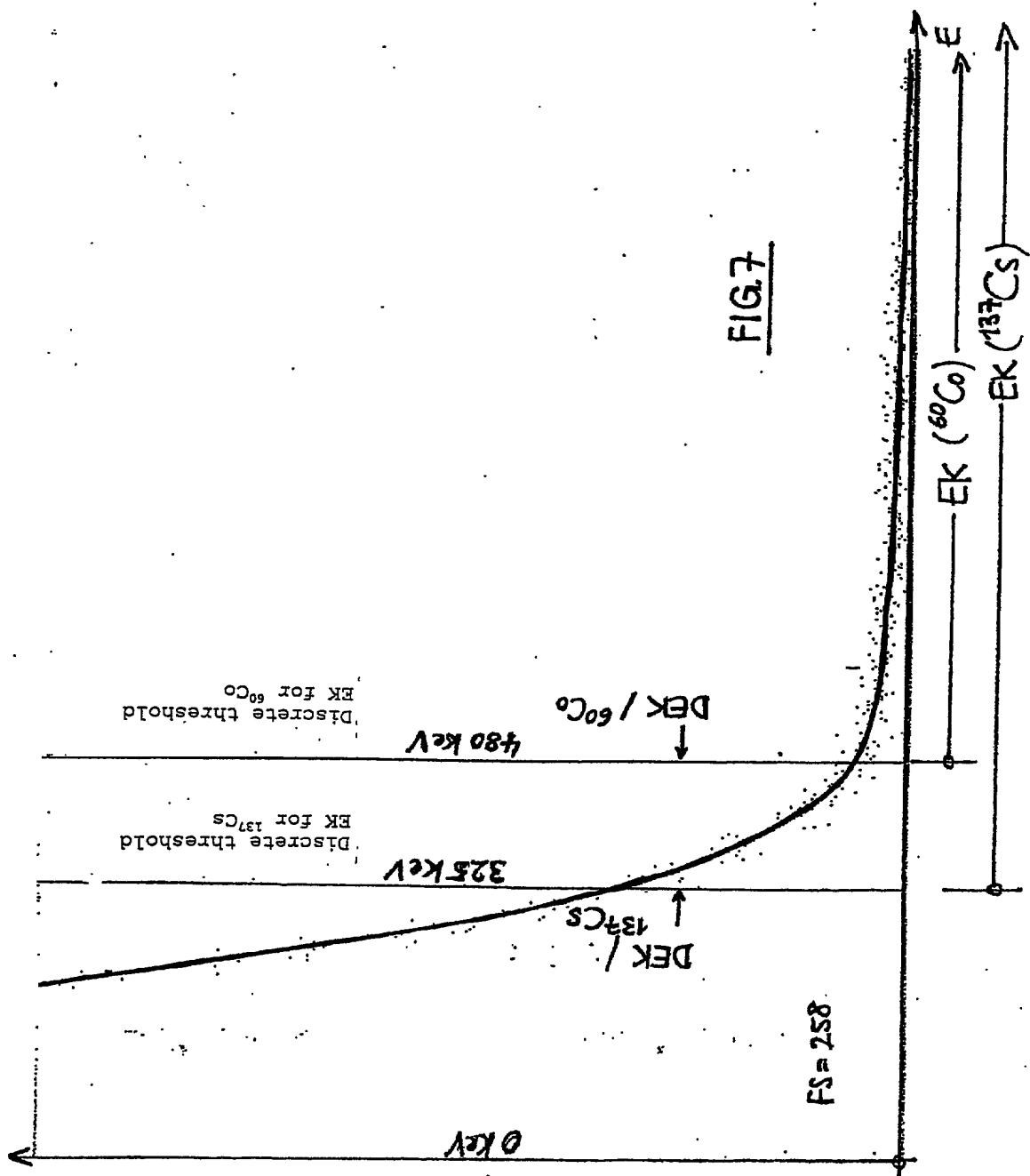
FIG. 5





10/21

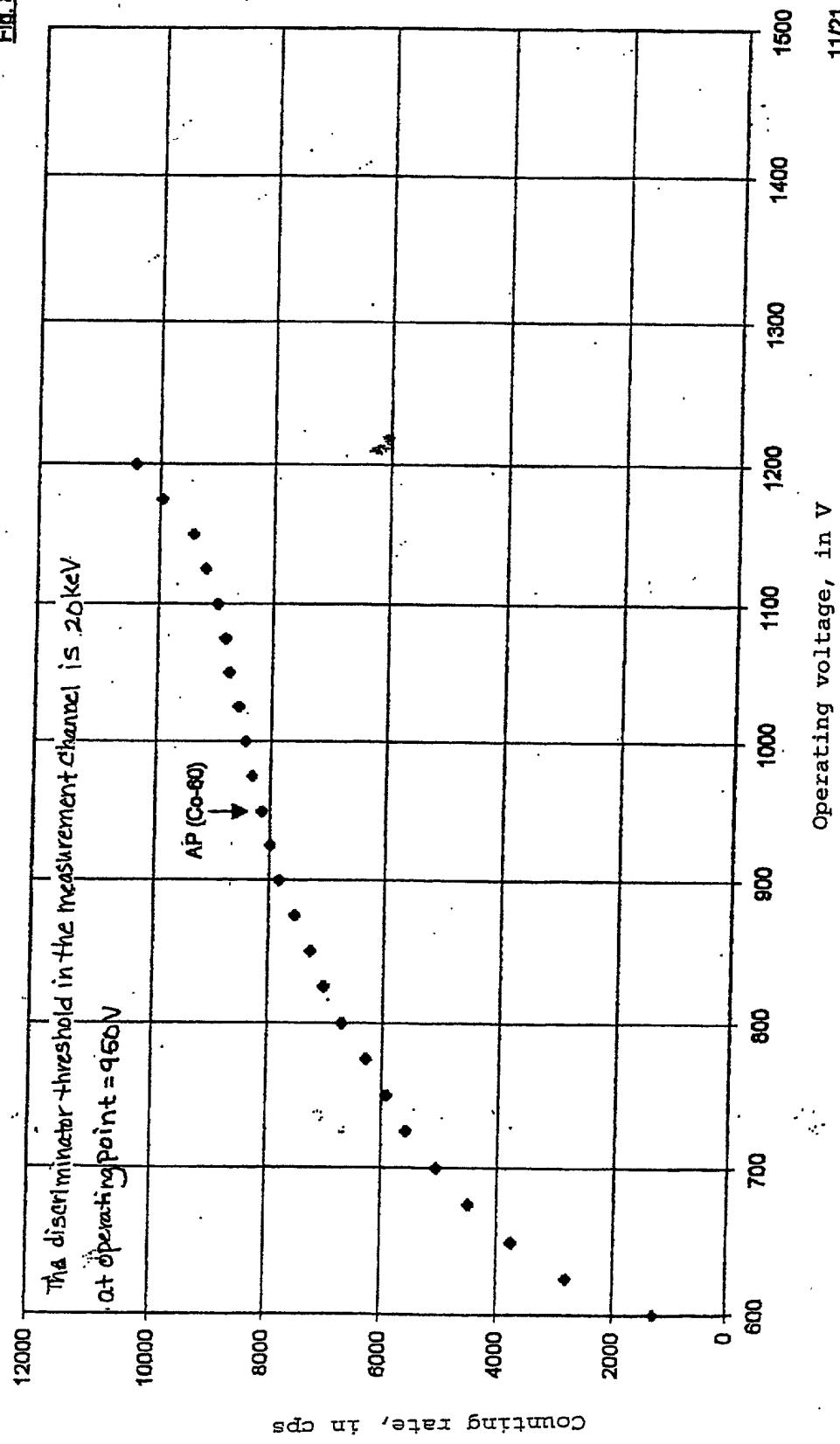
FIG. 7



11/21

Co-60 plateau in measurement channel (MK)

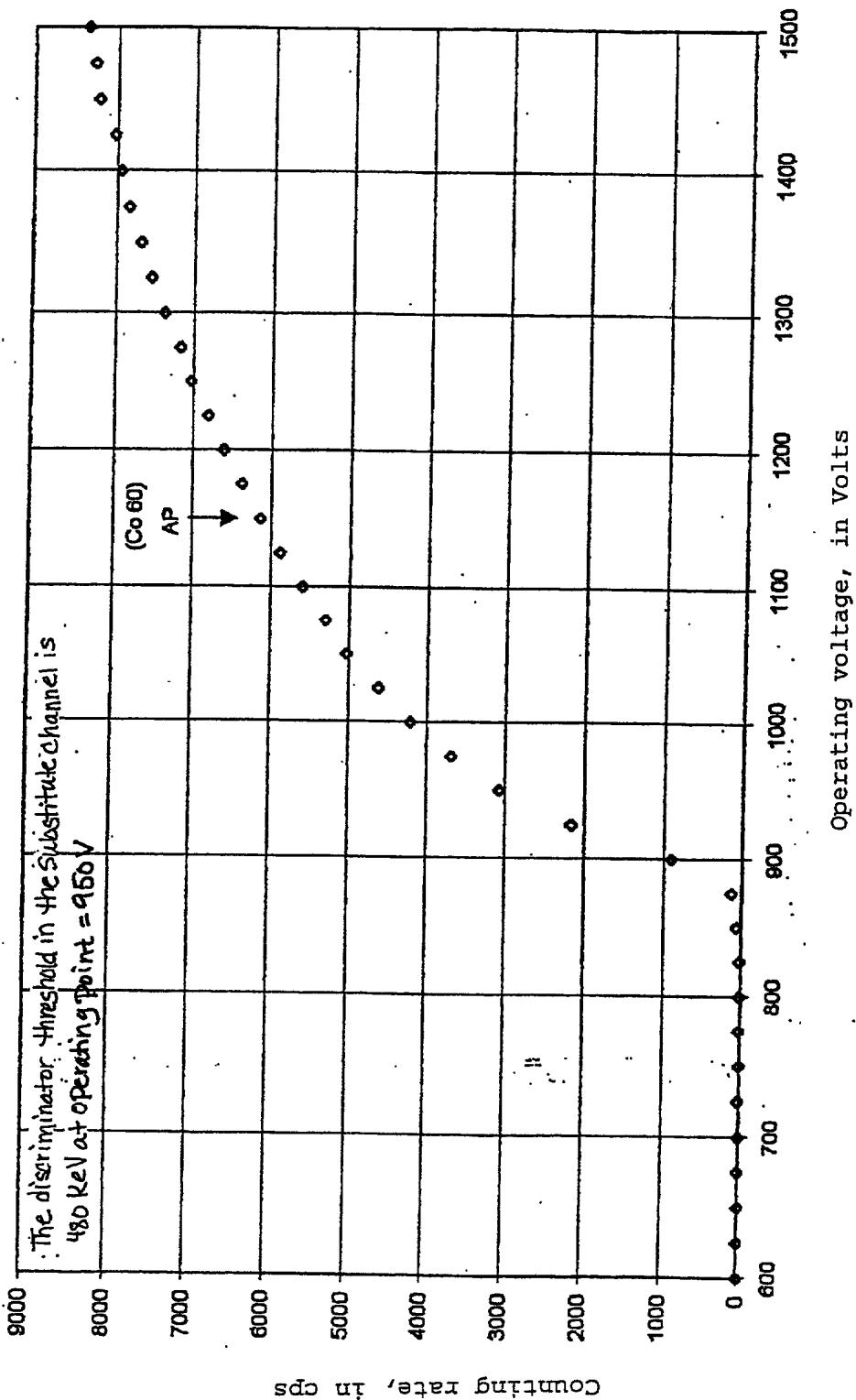
Fig. 8



12/21

Co-60 plateau in substitute channel (EK)

Fig. 9



Operating voltage, in Volts

12/21

Cs-137 plateau in measurement channel (MK)

Fig. 10

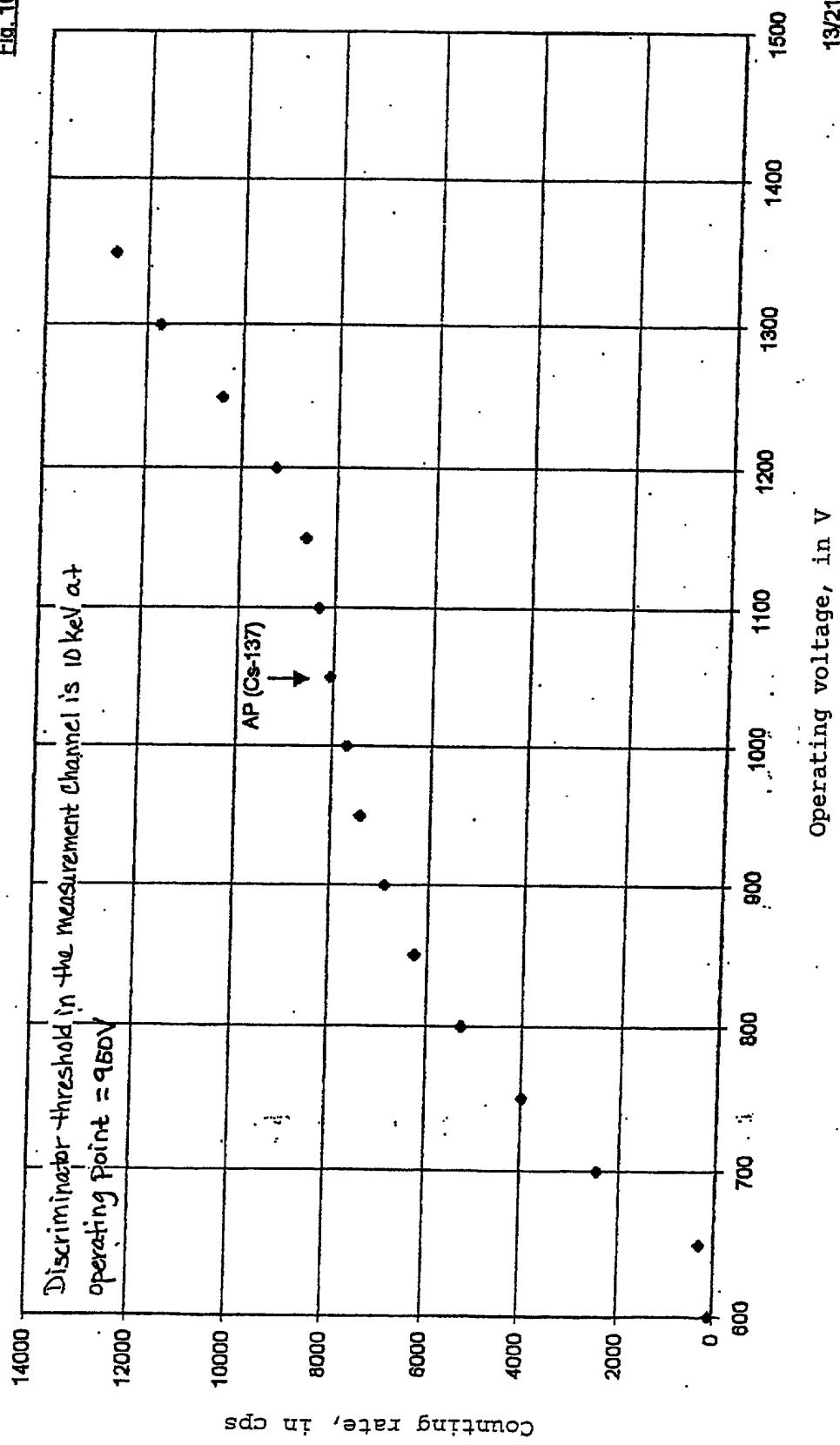
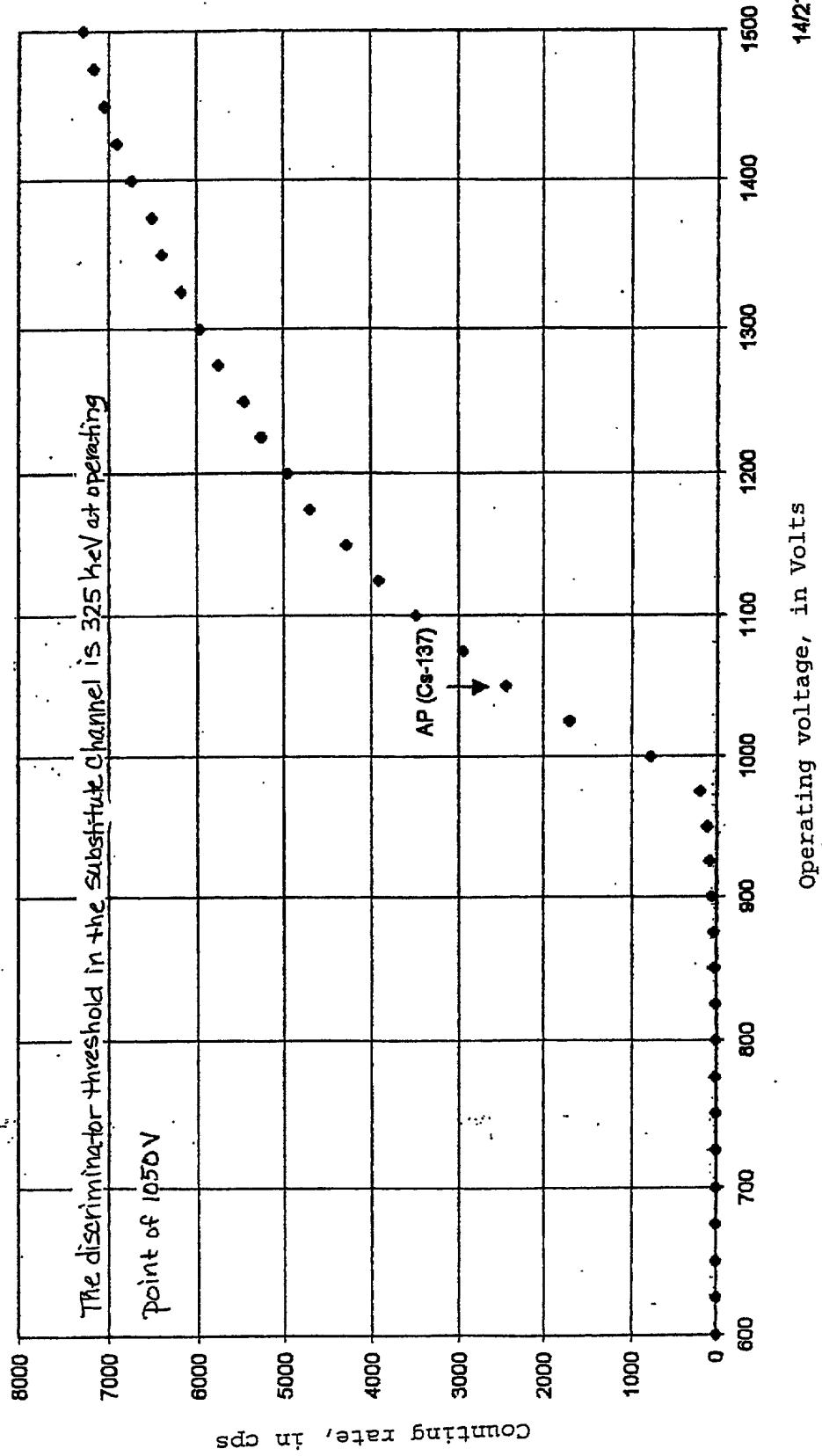


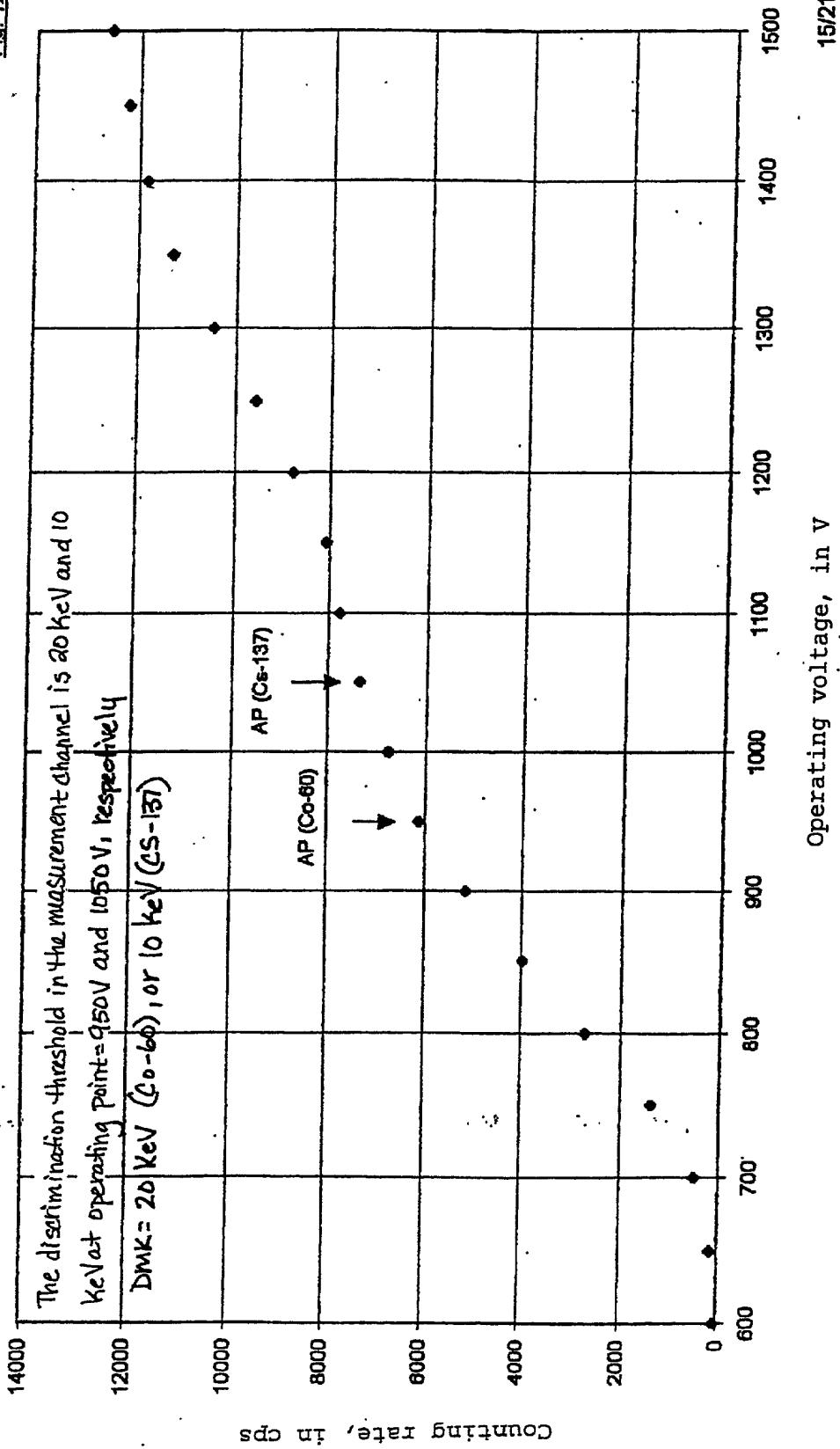
Fig. 11

Cs-137 plateau in substitute channel (EK)



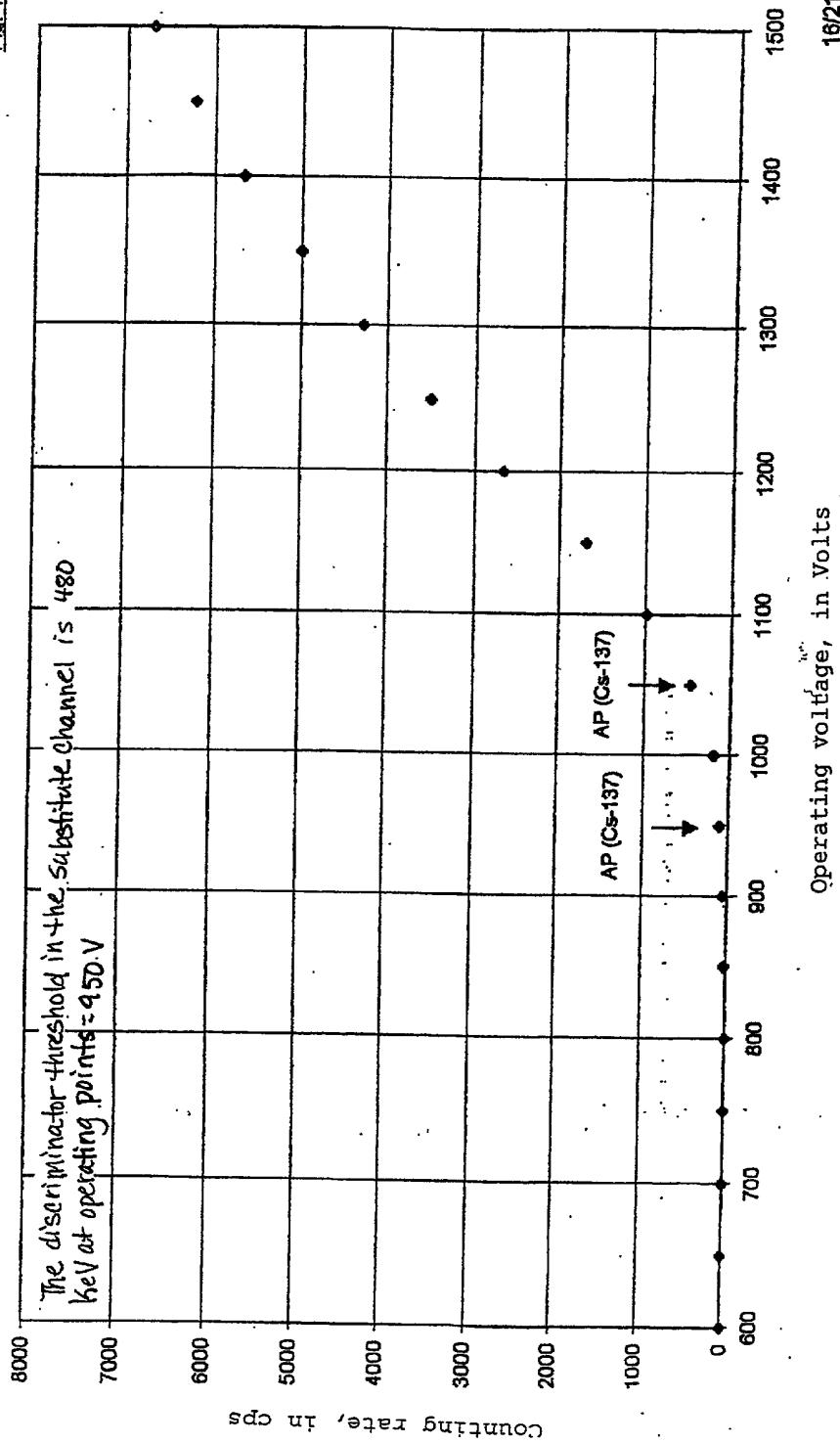
IR-192 plateau in measurement channel (MR)

Fig. 12



Ir-192 plateau in substitute channel (EK)

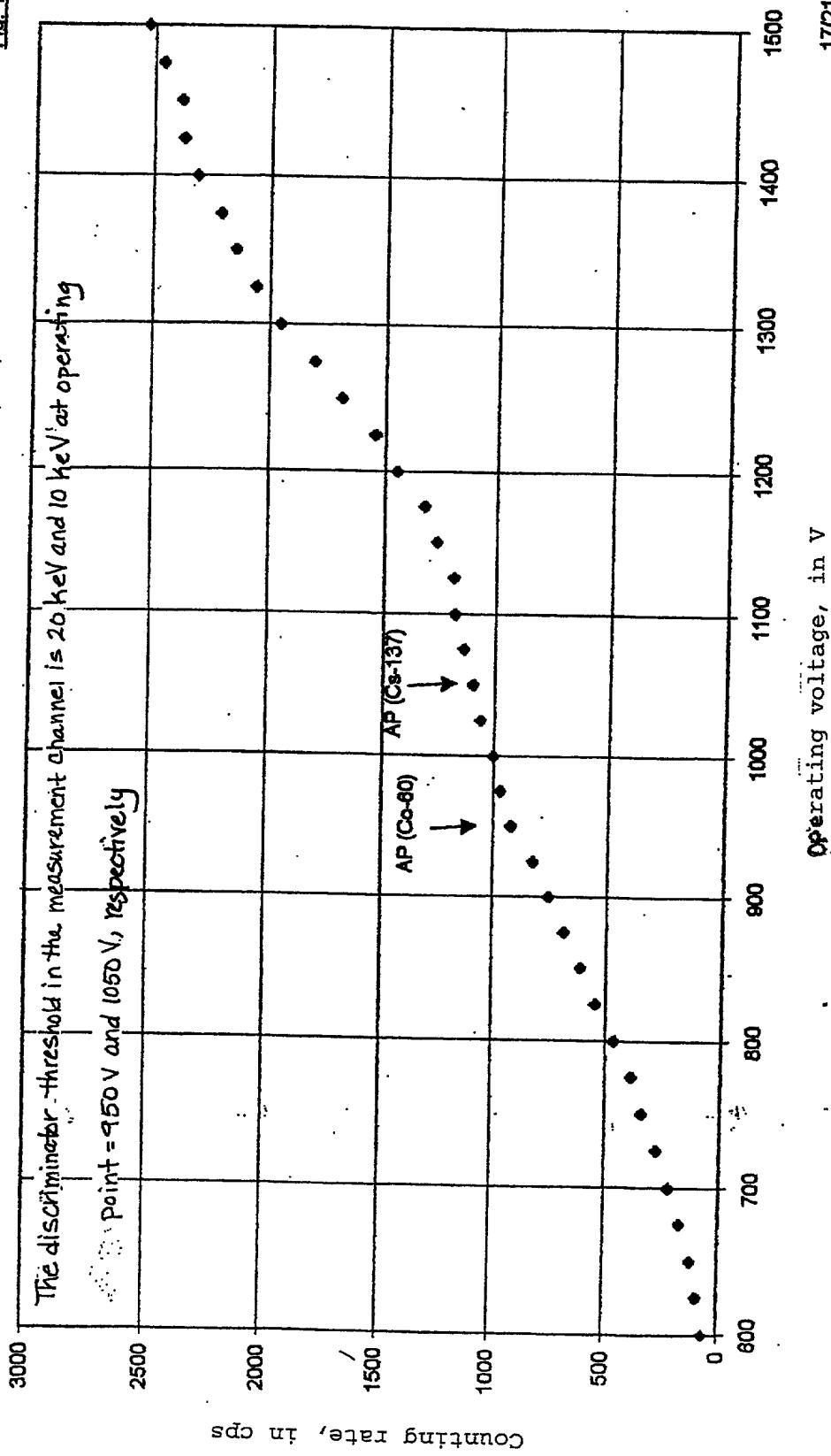
Fig. 13



17/21

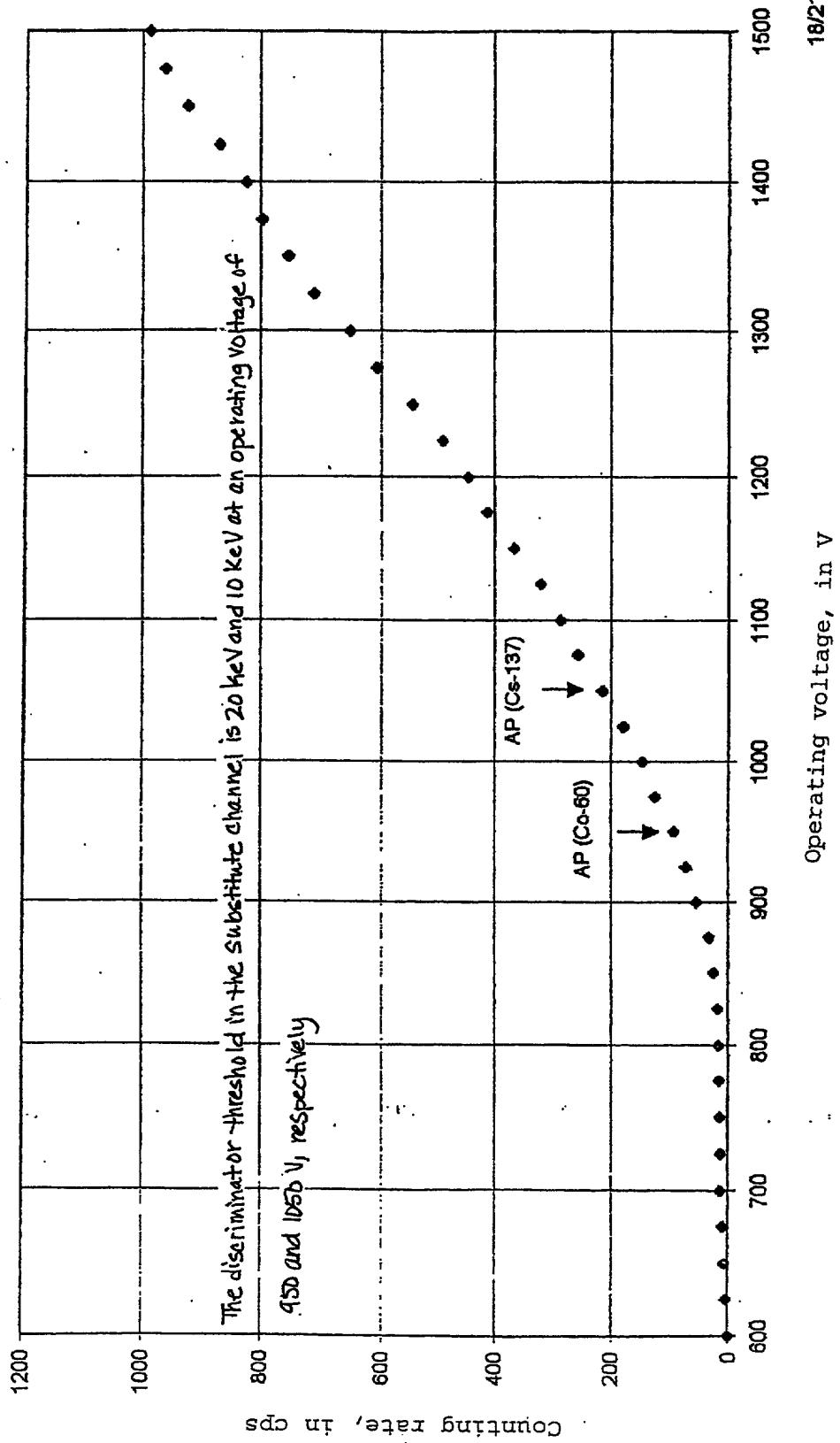
Zero effect plateau in the measurement channel (MK)

Fig. 14

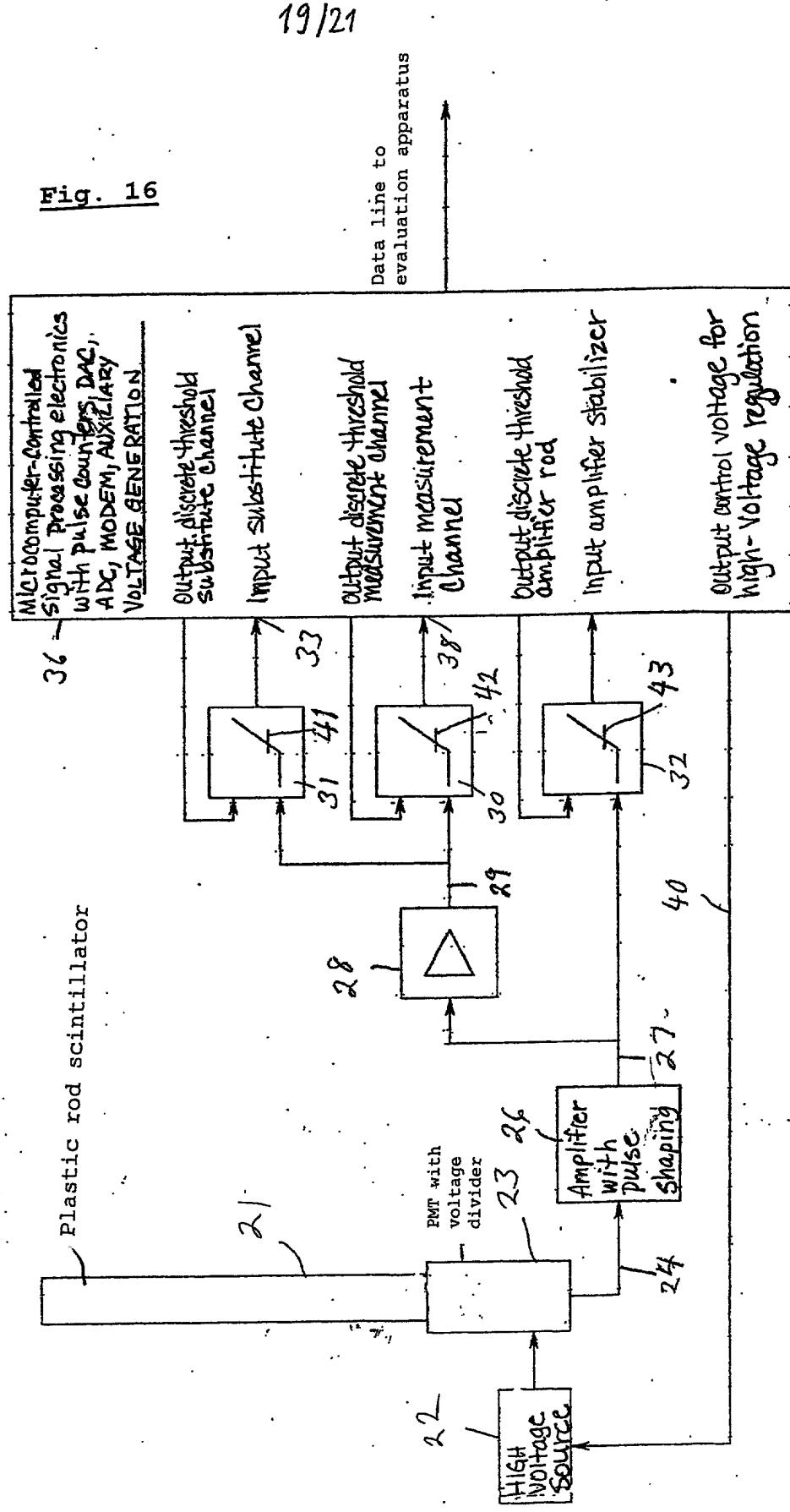


Zero effect plateau in the substitute channel (EK)

Fig. 15



Function Diagram for Signal Processing in the Probe
Electronics



Extraneous Radiation Detection and Suppression:
Data Processing in the Evaluation Device

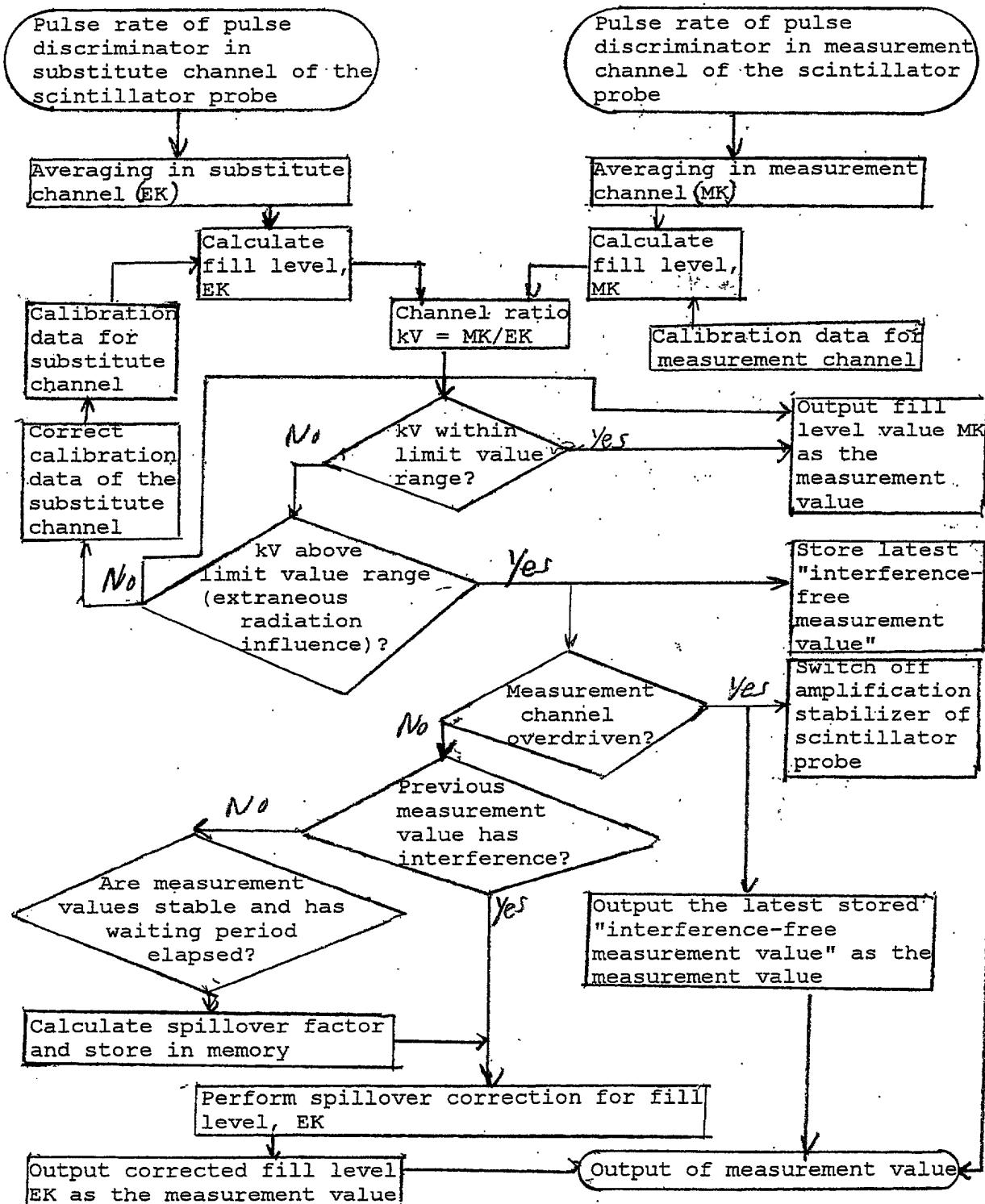


FIG. 17

21/21

